

What is claimed is:

1. A network connector module comprising:

a plurality of phone jacks;

5 a plurality of pins connecting with the phone jacks and electrically coupling to a circuit board for transmitting signals of the network connector module; and

a second connector configured on an upper shell of the network connector module to transmit power for the network connector module with a power cord.

10 2. The network connector module of claim 1, wherein the phone jack comprises an RJ-45 phone jack.

3. The network connector module of claim 1, wherein the power for the network connector module is a power source for a signal filter, a power source for a
15 light-emitting diode (LED) indication, or a power source for power over ethernet.

4. The network connector module of claim 1, wherein the upper shell of the network connector module comprises an upper cover, a sidewall, and a rear cover of the network connector module.

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5. The network connector module of claim 4, wherein the second connector is configured on the upper cover, the sidewall, or the rear cover of the network connector module.

25 6. An electrical equipment with an RJ-45 connector module, the electrical

equipment comprising:

a circuit board;

a power cord, wherein one end of the power cord has a power connector and another end of the power cord couples to the circuit board; and

5 an RJ-45 connector module, wherein the RJ-45 connector module further comprises:

a plurality of RJ-45 phone jacks configured on the circuit board;

a plurality of pins connecting with the RJ-45 phone jacks and electrically coupling to the circuit board for transmitting signals of the RJ-45 connector module; and

10 a second connector configured on an upper shell of the RJ-45 connector module to transmit power for the RJ-45 connector module with a power cord.

15 7. The electrical equipment with an RJ-45 connector module of claim 6, wherein a power source for the RJ-45 connector module is a power source for a signal filter, a power source for a light-emitting diode (LED) indication, or a power source for power over ethernet.

20 8. The electrical equipment with a RJ-45 connector module of claim 6, wherein the upper shell of the RJ-45 connector module comprises an upper cover, a sidewall, and a rear cover of the RJ-45 connector module.

9. The electrical equipment with a RJ-45 connector module of claim 6, wherein

25 the second connector is configured on the upper cover, the sidewall, or the rear cover

of the RJ-45 connector module.